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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/685,106	
	Filing Date	10/14/2003	
	First Named Inventor	Harrington, et. al.	
	Art Unit	3641	
	Examiner Name	Stephen M. Johnson	
Total Number of Pages in This Submission	3	Attorney Docket Number	SD-7512 / S-102.258

ENCLOSURES (Check all that apply)		
☐ Fee Transmittal Form ☐ Fee Attached ☐ Amendment/Reply ☐ After Final ☐ Affidavits/declaration(s) ☐ Extension of Time Request ☐ Express Abandonment Request ☐ Information Disclosure Statement ☐ Certified Copy of Priority Document(s) ☐ Reply to Missing Parts/Incomplete Application ☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53	☐ Drawing(s) ☐ Licensing-related Papers ☐ Petition ☐ Petition to Convert to a Provisional Application ☐ Power of Attorney, Revocation ☐ Change of Correspondence Address ☐ Terminal Disclaimer ☐ Request for Refund ☐ CD, Number of CD(s) _____ ☐ Landscape Table on CD	☐ After Allowance Communication to TC ☐ Appeal Communication to Board of Appeals and Interferences ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) ☐ Proprietary Information ☐ Status Letter ☒ Other Enclosure(s) (please identify below): Reply to Restriction/Election Requirement
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Sandia Corporation		
Signature	<i>William R. Conley</i>		
Printed name	William R. Conley		
Date	12/13/2004	Reg. No.	55,844

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: 703-872-9306	
Signature	<i>William R. Conley</i>
Typed or printed name	William R. Conley
Date	12/12/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application No. 10/685,106
SD-7512 / S-102,258

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/685,106 Confirmation No. : 4463
Applicant : Harrington, et. al. Title: MILES Hand Grenade
Filed : 10/14/2003
Art Unit : 3641
Examiner : Stephen M. Johnson
Docket No. : SD-7512 / S-102,258

ELECTION/RESTRICTION UNDER 35 U.S.C 121

Commissioner for Patents
P.O. 1450
Alexandria, VA 22313-1450

Date: 12/13/2004

Sir:

In response to the Restriction Requirement mailed 11/23/2004, Applicants submit herein a complete Reply to the Restriction Requirement.

The Office is hereby authorized to charge Deposit Account # 19-0131 for any necessary fees regarding this Reply.

Election/Reply to Restriction Requirement: begins on page 2 of this paper.

Application No. 10/685,106
SD-7512 / S-102,258

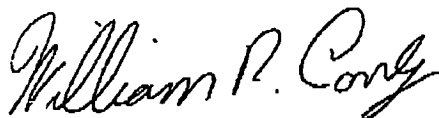
ELECTION/RESTRICTIONS UNDER 35 U.S.C. 121

The Examiner has stated that restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1 – 14 drawn to a system for determining distance, classified in class 434, subclass 2.
- II. Claims 15 – 18, drawn to a method of simulating the effect of an explosive device, classified in class 434, subclass 21.

Applicants elect Group I, claims 1 – 8, without traverse, to prosecute on the merits.

Respectfully submitted,



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